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[New Hampshire Code of Administrative Rules](#)  
[Env-A 1900](#)



CHAPTER Env-A 1900 INCINERATORS

Statutory Authority: RSA 125-C:4, RSA 125-C:6,II,XIV, RSA 125-C:11,I, RSA 125-C:12,IV

PART Env-A 1901 PURPOSE

Env-A 1901.01 Purpose. The purpose of this chapter is to regulate the operation and modification of new and existing incinerators.

Source. #6483-B, eff 4-1-97 (formerly Env-A 1201)

PART Env-A 1902 SCOPE

Env-A 1902.01 Scope. This part shall apply to the owner or operator of:

- (a) Any incinerator required to obtain a permit pursuant to:
  - (1) Env-A 607.01;
  - (2) Env-A 608.01; or
  - (3) Env-A 609.01.
- (b) Incinerators meeting the applicability of 40 CFR 60, Subpart E.
- (c) Municipal waste combustors meeting the applicability of:
  - (1) 40 CFR 60, Subpart Ea; or
  - (2) 40 CFR 60, Subpart Ebb.
- (d) Incinerators combusting sewage sludge meeting the applicability of 40 CFR 60, Subpart O.
- (e) Incinerators combusting hazardous waste.
- (f) Wood waste burners.

Source. #6483-B, eff 4-1-97 (formerly Env-A 1201)

PART Env-A 1903 VISIBLE EMISSION STANDARD FOR INCINERATORS

Env-A 1903.01 Visible Emission Standard for Incinerators.

- (a) No owner or operator shall allow average visible emissions of an incinerator to exceed 20 percent opacity for any continuous 6 minute period in any 60 minute period.
- (b) Opacity shall be determined in accordance with Env-A 807.

Source. #6483-B, eff 4-1-97 (formerly Env-A 1201)

PART Env-A 1904 EMISSION STANDARDS FOR INCINERATORS

Env-A 1904.01 Emission Standards for Incinerators Installed Prior to or On April 15, 1970. For incinerators installed prior to April 15, 1970, no owner or operator shall allow:

- (a) An incinerator of 90.72 kilograms per hour or 200 pounds, or less, per hour input capacity to emit more than 0.675 grams per dry standard cubic meter, 0.3 grains of particulate matter per standard cubic foot,



of dry flue gas corrected to 12 percent of carbon dioxide, without the contribution of carbon dioxide from auxiliary fuel; and

(b) An incinerator of over 90.72 kilograms per hour or 200 pounds per hour input capacity to emit more than 0.45 grams per dry standard cubic meter, 0.2 grains of particulate matter per standard cubic foot, of dry flue gas corrected to 12 percent carbon dioxide, without the contribution of carbon dioxide from auxiliary fuel.

Source. #6483-B, eff 4-1-97 (formerly Env-A 1201)

Env-A 1904.02 Emissions Standards For Incinerators Constructed, Installed, or Substantially Altered After April 15, 1970. For incinerators constructed, installed, or substantially altered after April 15, 1970, no owner or operator shall allow:

(a) An incinerator of 90.72 kilograms per hour or 200 pounds per hour input capacity and less to emit more than 0.675 grams per dry standard cubic meter, 0.3 grains of particulate matter per standard cubic foot, of dry flue gas, corrected to 12 percent carbon dioxide, without the contribution of carbon dioxide from auxiliary fuel; and

(b) An incinerator of over 90.72 kilograms per hour or 200 pounds per hour input capacity but less than 1814.4 kilograms per hour or 4000 pounds per hour input capacity to emit more than 0.45 grams per dry standard cubic meter, 0.2 grains of particulate matter per standard cubic foot, of dry flue gas corrected to 12 percent carbon dioxide, without the contribution of carbon dioxide from auxiliary fuel.

Source. #6483-B, eff 4-1-97 (formerly Env-A 1201)

Env-A 1904.03 Incinerators Combusting Hazardous Waste. An owner or operator of an incinerator combusting hazardous waste shall comply with all of the requirements contained in the USEPA Regulations for Owners and Operators of Permitted Hazardous Waste Facilities, 40 CFR 264, Subpart O, including all revisions and amendments through April 1, 1983.

Source. #6483-B, eff 4-1-97 (formerly Env-A 1201)

Env-A 1904.04 Emission Standards for Wood Waste Burners Installed, Reconstructed, or Substantially Altered After April 15, 1970. For wood waste burners installed, reconstructed, or substantially altered after April 15, 1970:

(a) No owner or operator shall allow visible emissions from any wood waste burner to exceed 40 percent opacity for any continuous 6 minute period in any 60 minute period.

(b) The owner or operator shall determine opacity in accordance with Env-A 800.

(c) No owner or operator shall allow particulate matter to be discharged into the ambient air from any waste burner which exceeds 0.675 grams per dry standard cubic meter, 0.3 grains per standard cubic foot, of dry flue gas corrected to 12 percent carbon dioxide, without contribution of carbon dioxide from an auxiliary fuel.

Source. #6483-B, eff 4-1-97 (formerly Env-A 1201)



Env-A 1904.05 Hydrogen Chloride, HCl, Emission Standards for Incinerators.

(a) For installations completed on or after January 1, 1986, Hydrogen chloride (HCl) emission standards shall apply to:

- (1) Incinerator modules having a design throughput capacity of 4,000 pounds per hour, 48 tons/day, or greater;
- (2) Incinerator facilities consisting of multiple modules, having a design throughput of 8,333 pounds per hour, 100 tons/day, or greater; and
- (3) Incinerators burning Type 5 and 6 waste, regardless of size.

(b) For installations completed prior to January 1, 1986, HCl emission standards shall apply to:

- (1) Incinerator modules having a design throughput capacity of 4,000 pounds per hour, 48 tons/day, or greater; and
- (2) Incinerator facilities consisting of multiple modules, having a design throughput of 12,500 pounds per hour, 150 tons/day, or greater.

(c) HCl emission standards, based on a 3-run stack test using a method approved by the division shall be as follows:

- (1) Average emission level of 50 ppm dv at 7% O<sub>2</sub>; or
- (2) 90% HCL removal efficiency, whichever is less stringent.

(d) Exempted from the emission standards shall be:

- (1) Incinerators burning municipal sludge, Type 7 refuse; and
- (2) Hazardous waste incinerators, subject to Env-A 1904.03.

Source. #6483-B, eff 4-1-97 (formerly Env-A 1201)

Env-A 1904.06 New Source Performance Standards. Owners and operators of:

(a) Incinerators meeting the applicability criteria shall comply with all requirements of the USEPA Standards of Performance for Incinerators, 40 CFR 60, Subpart E.

(b) Incinerators combusting sewage sludge and meeting the applicability criteria shall comply with all requirements of the USEPA Standards of Performance for Sewage Treatment Plants, 40 CFR 60, Subpart O, dated July, 1995.

(c) Municipal waste combustors meeting the applicability criteria shall comply with all requirements of the USEPA Standards of Performance for Municipal Waste Combustors, 40 CFR 60, Subpart Ea, dated July 1, 1995 as amended by 60 FR 65382 et. seq.

(d) Municipal waste combustors meeting the applicability criteria shall comply with all requirements of the USEPA Standards of Performance for Municipal Waste Combustors for which Construction is Commenced After September 20, 1994, 40 CFR 60, Subpart Ebb, 60 FR 65382 et. seq.

Source. #6483-B, eff 4-1-97 (formerly Env-A 1201)



PART Env-A 1905 NAME PLATES, INSTRUCTIONS, OPERATOR COMPETENCE, FEES,  
MONITORING, EXEMPTIONS, PERMITS, TESTING, RECORD KEEPING AND  
REPORTING

Env-A 1905.01 Name Plate and Instruction Posting Requirements.

(a) The owner or operator shall install the manufacturer's name plate in a conspicuous place on the incinerator, giving model number, rated capacity, and the types of waste for which the device is designed.

(b) The owner or operator shall post detailed instructions for the operation of each incinerator in a conspicuous place near the device.

Source. #6483-B, eff 4-1-97 (formerly Env-A 1201)

Env-A 1905.02 Trained and Competent Operator Required. The owner or operator shall have an individual, trained and competent in the operation of the incinerator, in charge of the stationary source.

Source. #6483-B, eff 4-1-97 (formerly Env-A 1201)

Env-A 1905.03 Exemptions. Municipal wood waste burners shall be exempt from other provisions of Env-A 1900 provided that they comply with the provision established for incinerators as specified in Env-A 1903.01 and Env-A 1904.01 above.

Source. #6483-B, eff 4-1-97 (formerly Env-A 1201)

Env-A 1905.04 Permit, Fee, Testing, Monitoring, Recordkeeping and Reporting Requirements. Owners and operators of devices subject to this part shall comply with the following:

- (a) Permit requirements specified in Env-A 600.
- (b) Fees established in Env-A 700.
- (c) Testing and monitoring requirements specified in Env-A 800.
- (d) Recordkeeping and reporting requirements specified in Env-A 900.

Source. #6483-B, eff 4-1-97 (formerly Env-A 1201)



